NC/QC/YD/2020-21/YSD-4P-C1 Date: 01-06-2020

1. TEST REPORT ON CEMENT:

Sub: Testing of 53 Grade Cement Sample (IS 12269-1987).

{Project*: Improvements and developments of roads and drains at Yelahanka 4th phase and construction of providing parking lot at 16th A main, A sector, 16th B in Yelahanka Satellite Town sub division (Package-05).}

Ref.: Material testing/PMC/20-21,

Report Required for: Assistant Executive Engineer,
Yelahanka Satellite Town Sub Division,
BBMP, Bangalore.

Name of the Agency/Contractor*: B B Umesh, M/s SMLP Asphalts, Bangalore.

PHYSICAL TESTS ON CEMENT

Grade * : 53,
Type * : O.P.C

TABLE 1.1:

SL No	Name of Test	Test Results	Requirements as per IS 8112-1989
1	Initial setting time	**156 min**	Shall not be less than 30 min
2	Final setting time	**260min**	Shall not be more than 600 min
3	Fineness (by dry sieving on IS 90 micron sieve)	**2.16%**	Not to exceed 10.0%
4	Soundness test(by Le-Chatelier`s method)	**2.03mm**	Shall not be more than 10 mm
5	Compressive strength a) 3 days (average of three results)	**28.72 N/Sq mm**	Shall not be less than 27 N/Sqmm

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ಯಲಹಂಕ ಉಪನಗರ ಉಪವಿಭಾಗ.
ಬಿ.ಬಿ.ಎಂ.ಪಿ. ಬೆಂಗಳೂರು-೫೬

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